**KHYBER MEDICAL UNIVERSITY**

**Masters of Health Research Course, Module 06 Schedule Batch 04**

**August 29, 16 to September 07, 2016**

|  |
| --- |
| **Opening DAY 1 (August 29, 2016)** |
| **Orientation** - **0830 – 0930 hrs**  |
| WelcomeOrientation to the Session |
| **Session 1**0830 –1100 | Break1100-1130 | **Session 2**1130 – 1330 | Break1330–1400 | **Session 3**1400 - 1630 |
| **DAY 1 Monday August 29** |
| Introduction to Health Economics.  | Dr. Syed Basharat  |  | The positive and normative foundations of health care financing, with specific reference to the discourse on universal health coverage and equity  | Dr. Syed Basharat |  | Practical Exercisesset around specific case studies | Dr. Syed Basharat |
| **DAY 2 Tuesday August 30** |
| Health care financing mechanisms:Out-of-pocket systems, tax-based systems, and insurance systems | Dr. Syed Basharat |  | Features of health care financing arrangements: resource collection and risk pooling, benefit package, provider contracting, and quality assurance  | Dr. Syed Basharat |  | Practical Exercisesset around specific case studies | Dr. Syed Basharat |
| **DAY 3 Wednesday August 31** |
| Health care financing in Pakistan: issues, challenges and opportunities  | Dr. Fayaz Ahmad |  |  The roles of the public and private sector in health care financing. | Dr. Fayaz Ahmad |  | Practical Exercisesset around specific case studies | Dr. Fayaz Ahmad |
| **DAY 4 Thursday September 01** |
| Healthcare insurance: the demand and supply of insurance, moral hazard and adverse selection, limits of healthcare insurance markets & role of the State | Dr. Ayaz Ayub |  | Health insurance in Pakistan: issues, opportunities and the way forward | Dr. Ayaz Ayub |  | Practical Exercisesset around specific case studies | Dr. Ayaz Ayub |
| **DAY 5 Friday September 02** |
| Cause and Effect Relationship | Dr. Ayaz Ayub |  | Hypothesis testing – statistical tests for demonstrating differences, associations and cause and effect relationships | Dr. Ayaz Ayub |  | SPSS Practical | Dr. Ayaz Ayub |
| **DAY 6 Saturday September 03** |
| Parametric and non-parametric tests for comparisons  | Dr. Ayaz Ayub |  | Correlations and regression | Dr. Ayaz Ayub |  | Sample size | Dr. Ayaz Ayub |
| **DAY 7 Sunday September 04** |
| Sample Size | Dr. Ayaz Ayub |  | SPSS Practical | Dr. Ayaz Ayub |  | SPSS Practical  | Dr. Ayaz Ayub |
| **DAY 8 Monday September 05** |
| Thesis writing guidance  | Dr. Ayaz AyubPervez Akhtar |  | Thesis writing guidancePervez Akhtar | Dr. Ayaz AyubPervez Akhtar |  | Thesis writing guidance | Dr. Ayaz AyubPervez Akhtar |
| **DAY 9 Tuesday September 06** |
| Thesis writing guidance | Pervez Akhtar |  | Thesis writing guidance | Pervez Akhtar |  | Thesis writing guidance | Pervez Akhtar |
| **DAY 10 Wednesday September 07** |
| Appraisal of the course including feedback from the students | Dr. Zia Ul HaqDr. Asif Ali |  | **FINAL ASSESSMENT AND CONCLUDING SESSION** |